Index of Claims



Application No.

10/088,352

Examiner

Helene Klemanski

Applicant(s)

MATSUZAKI ET AL.

Art Unit

1755

| <b>√</b> | Rejected |
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| =        | Allowed  |

- (Through numeral)
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÷ Restricted

N Non-Elected
I Interference

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O Objected

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|          |                      |          |              |            | r        | 2040     |              |              |              | _              |
| Cla      |                      | _        |              |            |          | Date     | <del>;</del> |              | _            |                |
| _        | Original             | 4        |              |            |          |          | 1            | -            |              |                |
| Final    | gir                  | 2/9/04   |              |            |          |          |              |              | ļ            |                |
| i.       | Ö                    | 7        |              |            |          |          |              |              | - 1          |                |
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|          | 2                    | _=       |              |            |          |          |              |              |              | _              |
|          | 18                   |          |              |            |          |          |              |              | _            |                |
|          | 5                    |          |              |            |          |          |              |              |              | _              |
|          | 5                    | Ξ        |              | <u></u>    |          |          |              |              |              |                |
|          | 6                    | =        | -            |            |          |          |              |              |              |                |
|          | 7                    | =        |              |            |          |          |              |              |              |                |
|          | .8                   | =        |              |            |          |          | _            |              |              | _              |
|          | 9                    | =        |              |            | _        |          |              |              |              | _              |
|          | 10                   |          |              |            |          |          |              |              |              |                |
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| L        | 12                   | =        |              |            | <u> </u> |          |              |              |              |                |
|          | 13                   | =        |              |            | L.       |          |              | _            |              |                |
|          | 14<br>15             | =        | <u>_</u>     |            | <u> </u> |          |              |              |              |                |
|          | 15                   |          | L            |            | <u> </u> |          | L_           |              | Ш            |                |
| L_       | 26                   |          | _            | _          | _        |          | _            |              |              |                |
|          | 17                   | =        |              |            |          |          |              |              |              |                |
|          | 18                   | =        | <u></u>      |            |          |          |              |              |              | _              |
|          | 190                  |          |              | _          |          | _        |              |              | _            |                |
|          | 20                   |          |              |            |          |          |              |              |              |                |
|          | 220                  |          |              |            |          |          |              |              |              |                |
|          | 22°                  |          | _            |            |          |          | _            | _            |              |                |
|          | 23                   | =        |              |            |          |          |              |              |              |                |
|          | 24<br>25             | =        |              |            |          |          |              |              |              |                |
|          | 25                   | =        |              |            | _        | _        |              |              | _            | _              |
|          | 26                   | =        |              | ļ          |          | _        | _            |              |              |                |
|          | 27<br>28<br>29<br>30 | =        |              |            | L.       |          | _            |              |              |                |
| <u></u>  | 28                   | _        |              | _          |          |          | _            |              |              |                |
|          | 29                   | _        | _            |            |          | _        | _            |              | _            |                |
|          | 30                   | =        |              |            | <u>L</u> |          |              | _            |              | L_             |
| L        | 31                   | =        |              | <u> </u>   | _        | _        | _            | <u>_</u>     |              | _              |
|          | 32                   | =        | _            | <u> </u>   | _        | <u></u>  |              | <u> </u>     | _            | <u> </u>       |
|          | 33                   | =        |              |            |          | <u> </u> |              | _            |              | _              |
| <u> </u> | 34                   | =        | <u> </u>     | -          |          | <u> </u> |              |              | <u> </u>     | _              |
|          | 35                   | =        | _            | _          | _        | <u> </u> |              | <u> </u>     | <u> </u>     | <u> </u> _     |
|          | 36                   | =        | _            | _          |          | <u> </u> |              |              | <u> </u>     | _              |
| -        | 21                   |          | _            | 1          | <u> </u> | ļ        | _            | <u> </u>     |              | <u> </u>       |
| ļ        | 28                   | <u> </u> | <u> </u>     | <u> </u> _ | <u> </u> | <u> </u> |              | <u> </u>     | -            | <u> </u>       |
| -        | 39                   | _        | ऻ_           | ļ          | <u> </u> | -        |              | <u> </u>     | -            | <u> </u>       |
| -        | 40                   | 1        | _            | -          | -        |          | _            | <u> </u>     | <u> </u>     | <u> </u>       |
| <u> </u> | 41                   | =        | <u> </u>     | -          | _        |          | <del> </del> | <del> </del> | Ι—           | <del> </del> — |
|          | 42                   |          | <del> </del> | -          | 1        | 1        | -            | _            |              | <u> </u>       |
|          | 43                   | -        |              | -          | -        | -        | Ь—           |              | -            | _              |
|          | 44                   |          | <u> </u>     | -          | -        | -        |              | -            |              |                |
|          | 45                   | <b>—</b> | <u> </u>     | -          | _        | <u> </u> | -            | -            | -            | <u> </u>       |
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| _        | 47                   | -        | -            | -          |          | -        | -            | <u> </u>     |              |                |
|          | 48                   |          | -            | -          | <u> </u> |          |              |              | -            | <u> </u>       |
| -        | 49                   | -        | -            | -          | <u> </u> | -        | -            | <u> </u>     | -            | <del> </del>   |
| 1        | 50                   | ı        | ł            | 1          | 1        | 1        | l            | 1            | 1            | l              |

| Claim    |                | Date   |  |          |   |          |  |    |              |               |  |
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| Final    | . <u>g</u>     |  |  |          | 1 | ļ        |  |    |              |               |  |
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|          |                | _  | _  |          | _ | _        | _  | _  |              | _             |  |
|          | 51             |  | _  |          | _ | _        | _  |    |              |               |  |
|          | 52             |  |  | _        |   |          |  |    |              | Щ             |  |
|          | 51<br>52<br>53 |  |  |          |   |          |  | _  |              |               |  |
|          | 54<br>55       |  |  |          |   |          |  |    |              |               |  |
|          | 55             |  |  |          |   |          |  |    |              |               |  |
|          | l 56           |  |  |          |   |          |  |    |              |               |  |
|          | 57<br>58       |  |  |          |   |          |  |    |              |               |  |
|          | 58             |  |  |          |   |          |  |    |              |               |  |
|          | 59             |  |  |          |   |          |  |    |              |               |  |
|          | 60             |  |  |          |   |          |  |    |              |               |  |
|          | 61             |  |  |          |   |          |  |    |              |               |  |
|          | 62             |  |  |          |   |          |  |    |              |               |  |
| <b>—</b> | 63             |  |  |          |   |          | _  |    |              | П             |  |
| <b>—</b> | 64             |  |  | $\vdash$ |   |          |  |    | _            | $\vdash$      |  |
|          | 65             |  | <del>                                     </del> | Т        |   |          |  |    |              | П             |  |
| <b>—</b> | 66             |  | <u> </u>   |          |   |          |  |    |              | $\Box$        |  |
|          | 67             | -  | -  |          |   |          |  |    |              |               |  |
| <u> </u> | 68             |  |  |          |   | _        |  |    |              |               |  |
| <b>—</b> | 68<br>69       | $\vdash$   | -  |          |   | -        |  |    | -            |               |  |
| -        | 70             | -  |  |          |   | -        |  |    |              |               |  |
|          | 71             | ├──  |  | -        |   |          |  |    |              |               |  |
|          | 71<br>72       | ╁  |  | $\vdash$ |   |          |  |    |              | $\Box$        |  |
|          | 73<br>74<br>75 | $\vdash$   | -  | _        | _ |          |  | _  | _            |               |  |
|          | 74             |  |  | $\Box$   |   |          |  |    |              |               |  |
|          | 75             |  |  |          |   |          |  |    |              |               |  |
|          | 76<br>77       | Г  |  | Г        |   |          |  |    |              |               |  |
|          | 77             |  |  |          |   |          |  |    |              |               |  |
|          | 78             | l  |  |          |   |          |  |    |              |               |  |
|          | 79<br>80       |  |  |          | - |          |  |    |              |               |  |
|          | 80             |  |  |          |   |          |  |    |              | T-            |  |
|          | 81             |  |  | T        |   |          |  |    | $\Box$       |               |  |
|          | 82             |  |  |          |   |          |  |    |              | Г             |  |
|          | 83             | 1  |  |          | ļ |          |  |    |              | Г             |  |
|          | 84             | 1  |  | T        |   |          |  |    |              | Π             |  |
|          | 84<br>85       | T  | Г  | Г        |   |          |  |    |              |               |  |
|          | 86             | T  |  | T        |   |          |  |    |              | П             |  |
|          | 87             |  |  |          |   |          |  |    |              |               |  |
|          | 88             | 1  |  |          |   |          |  |    |              |               |  |
|          | 89             | 1  | T  |          |   |          |  |    |              | Т             |  |
|          | 90             | 1  |  |          | 1 |          |  | _  | Т            |               |  |
|          | 91             | <del>                                     </del> | T  |          | T |          | Γ  |    |              |               |  |
|          | 92             |  |  |          | Π | Ī        |  |    | Г            |               |  |
|          | 93             | 1  |  |          | T |          |  |    |              |               |  |
|          | 94             | Π  | Г  |          |   | <u> </u> |  |    |              |               |  |
|          | 95             | Τ  | 1  | $\Box$   |   | $\sqcap$ |  |    | Π            |               |  |
|          | 96             |  | Π  | T        |   | Г        | 1  |    | Г            |               |  |
|          | 97             | Т  | Г  | İ        |   |          |  |    |              |               |  |
|          | 98             | T  | 1  | 1        |   |          | Π  |    | Г            | Π             |  |
|          | 99             | T  |  | 1        | Г | Γ        | <del>                                     </del> |    | Γ            |               |  |
|          | +              | -  | +  | +        | _ | -        | +  | 1- | <del> </del> | +             |  |

|            |                          | Date     |          |          |                                |              |              |          |  |                |  |
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| Cla        | aim                      |          | _        |          |                                | Jate         | <del>;</del> |          |  | $\dashv$       |  |
| Final      | Original                 |          |          |          |                                |              |              |          |  |                |  |
|            | 101                      |          |          |          |                                |              |              |          |  |                |  |
|            | 102                      |          |          |          |                                | -            |              |          |  |                |  |
| -          | 103                      |          |          |          |                                |              |              |          |  |                |  |
|            | 103<br>104               |          |          |          |                                |              |              |          |  |                |  |
|            | 105                      |          |          |          |                                |              |              |          |  |                |  |
|            | 106                      |          |          |          |                                |              |              |          |  | -              |  |
|            | 107                      |          |          |          |                                |              |              |          |  |                |  |
|            | 108                      |          |          |          |                                |              |              |          |  |                |  |
|            | 109                      |          |          |          |                                |              |              |          |  |                |  |
|            | 110                      |          |          |          |                                |              |              |          |  |                |  |
|            | 111                      |          |          |          |                                |              |              |          |  |                |  |
|            | 112                      |          |          |          |                                |              |              |          |  | Ш              |  |
|            | 111<br>112<br>113        |          |          |          |                                |              |              | <u></u>  |  |                |  |
|            | 114<br>115<br>116<br>117 |          |          |          |                                |              |              |          |  | Ш              |  |
|            | 115                      | -        |          | <u>.</u> | _                              |              |              |          |  | Ш              |  |
|            | 116                      | L        | L        |          |                                |              |              | <u> </u> |  |                |  |
|            | 117                      |          | _        | _        |                                | L            |              |          | <u> </u>   |                |  |
|            | 118                      |          |          |          | _                              |              |              |          | <u> </u>   |                |  |
|            | 119                      | _        | _        |          |                                |              | _            | _        | _  |                |  |
|            | 120<br>121               |          |          |          |                                |              |              |          | _  | Ш              |  |
|            | 121                      |          | <u> </u> |          | _                              |              |              |          | _  | Щ              |  |
|            | 122                      | _        | _        | _        |                                |              |              | _        |  | $\vdash\vdash$ |  |
|            | 122<br>123<br>124        |          |          | -        |                                |              | _            |          | _  |                |  |
|            | 124                      |          |          | _        | -                              |              | _            |          | <u> </u>   | H              |  |
|            | 125<br>126               | <u> </u> | _        | _        | <u> </u>                       | -            |              | -        | -  |                |  |
|            | 120                      | -        | <u> </u> |          | $\vdash$                       | -            |              |          |  | -              |  |
|            | 127<br>128<br>129        | -        |          | -        |                                |              |              | $\vdash$ | $\vdash$   | $\vdash$       |  |
|            | 120                      | -        |          | -        | $\vdash$                       | -            | -            |          | $\vdash$   | H              |  |
| -          | 129                      | -        | -        |          | -                              | -            | 1            |          | $\vdash$   | Н              |  |
|            | 130<br>131               | -        |          | -        | -                              |              |              | -        | ┢  | $\vdash$       |  |
| <b> </b> - | 132                      |          | $\vdash$ | $\vdash$ | -                              |              | -            | $\vdash$ | $\vdash$   | $\vdash$       |  |
|            | 133                      |          | ┢        | $\vdash$ | $\vdash$                       | -            | -            | $\vdash$ | <del>                                     </del> | $\vdash$       |  |
|            | 133<br>134               |          | -        | $\vdash$ | $\vdash$                       | $\vdash$     | t            | H        | 1  |                |  |
|            | 135                      |          |          | -        |                                | $\vdash$     |              | T        | 1  |                |  |
|            | 136                      |          |          |          |                                | <del> </del> | $\vdash$     | T        |  |                |  |
|            | 137                      | Ė        | Т        |          |                                | $\vdash$     |              |          |  |                |  |
|            | 138                      | Ī        |          |          |                                |              |              |          |  |                |  |
|            | 138<br>139               |          | Г        |          | 1                              | П            | П            |          |  |                |  |
|            | 140                      |          |          |          |                                |              |              | *        |  |                |  |
|            | 141                      |          |          |          |                                |              |              |          |  |                |  |
|            | 142                      |          |          |          |                                |              |              |          |  |                |  |
|            | 143                      |          |          |          |                                |              |              |          |  |                |  |
|            | 144                      |          |          |          | L                              |              |              | 匚        |  |                |  |
|            | 145                      |          |          |          |                                |              |              |          |  |                |  |
|            | 146                      |          |          |          | $oxedsymbol{oxedsymbol{oxed}}$ |              | $oxed{oxed}$ | L        | _  | Ш              |  |
|            | 147                      |          |          |          |                                |              |              |          | _  | Ш              |  |
|            | 148                      | <u></u>  |          |          | <u>L</u>                       | _            | <u> </u>     | _        | <u> </u>   | Ш              |  |
|            | 149                      |          |          | $\perp$  | _                              | _            | <u> </u>     | _        | <u>L</u>   | $\sqcup$       |  |
|            | 150                      | L        |          | L        | <u>L</u>                       |              |              | L        |  |                |  |